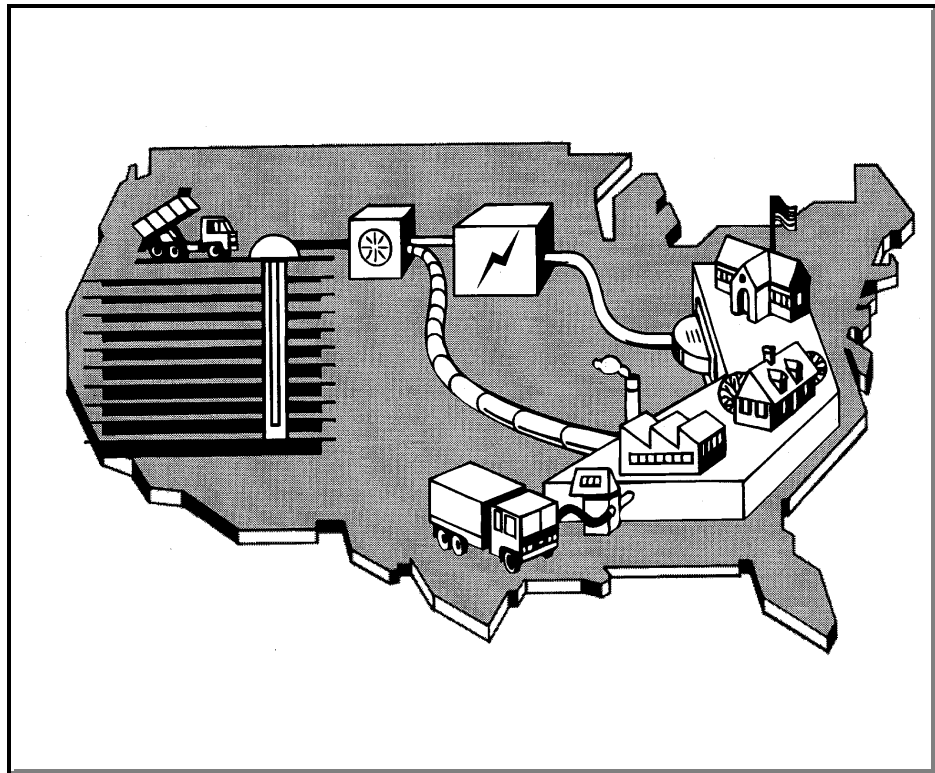




# Landfill Gas-to-Energy Project Opportunities

## Landfill Profiles for the State of Tennessee



## EPA Landfill Methane Outreach Program



The EPA Landfill Methane Outreach Program, a key component of the United State's *Climate Change Action Plan*, encourages the use of landfill gas (LFG) as an energy resource. EPA assists utilities, municipal and private landfill owners and operators, tribes, and state agencies in reducing methane emissions from landfills through the development of profitable landfill energy recovery projects. Methane captured from landfills can be transformed into a cost-effective fuel source for electricity, heat, boiler and vehicular fuel, or sale to a pipeline. EPA estimates there are approximately 200 landfill methane recovery projects in the U.S. and that up to 750 landfills could install economically viable landfill energy projects.

The Landfill Methane Outreach Program includes five important components: the State Ally, Energy Ally, Industry Ally, Community Partner, and Endorser programs. EPA establishes separate alliances with state agencies, energy providers (including investor-owned, municipal and other public power utilities and cooperatives), key trade and public sector associations, members of the landfill gas development industry (including developers, engineers, equipment vendors, and others) and local communities, municipalities and landfill owner/operators through a Memorandum of Understanding (MOU). By signing the MOU, each Ally/Partner acknowledges a shared commitment to the promotion of landfill gas-to-energy recovery at solid waste landfills, recognizes that the widespread use of landfill gas will reduce emissions of methane and other gases, and commits to undertake activities to enhance development of this resource. In return, EPA agrees to provide landfill gas-to-energy project assistance and public recognition of the Allies' and Partners' participation in the program.

## Introduction

Since 1994 the U.S. EPA's Landfill Methane Outreach Program (LMOP) has participated in an ongoing effort to gather information on Municipal Solid Waste landfills (MSW). A key component of the LMOP is to provide MSW landfill owners and operators, project developers, utilities, and other potential project participants with information on MSW landfills that may offer attractive energy development opportunities. This document presents state specific landfill information, hereinafter referred to as the landfill profiles. These profiles are useful to evaluate the potential for developing landfill gas-to-energy projects (LFGTE). EPA assembled this information from state and local sources as well as various national solid waste publications, landfill owners and operators, and project developers.

The EPA has prepared a separate document to describe the methodology used to develop the state-specific landfill profiles and estimate the benefits of using LFGTE as an energy source. The document, *Landfill Gas-to-Energy Project Opportunities, Background Information on Landfill Profiles*, contains background information on gas collection and use, describes the data fields according to the five sections listed on the landfill profiles, and where applicable, illustrates calculations and default values used to derive estimates. EPA strongly recommends that users read the document prior to using the landfill profiles. Users can obtain the document by calling the LMOP hotline at 1-888-STAR-YES.

### Data Sources

- EPA-ORD Landfill Gas Utilization-Survey (Thorneloe, 1997)
- Directory and Atlas of Solid Waste Disposal Facilities (SWA, 1994)
- Implementation Guide for Landfill Gas Recovery Projects in the Northeast (SCS, 1994)
- Landfill Gas-to-Energy 1994-1995 Activity Report (SWT, 1994)
- Methane Recovery from Landfill Yearbook (GAA, 1994)
- Project developers, landfill owners, and operators
- State and local records
- Survey of Landfill Gas Generation Potential (EPRI, 1992)
- U.S. Landfill Directory (SWANA, 1992)

## Landfill Classification

To facilitate the use of available landfill information, EPA has categorized the landfills into five categories: Current Project,<sup>1</sup> Candidate Project, Shutdown, Other, and Unknown waste-in-place (WIP). These categories are based on the status of the landfill's LFGTE project(s) and WIP. The generation of methane is a function of many factors, the most critical being the amount of waste-in-place and the number of years the waste has been in the landfill. Peak methane generation occurs soon after closure; therefore, the longer the landfill has been closed, the less attractive it becomes for methane recovery. Based on the general timing of peak methane generation, EPA assumes that landfills that ceased accepting waste prior to 1993 have a low probability of generating enough methane to make a gas recovery project economical. Consequently, landfills need to be operating in 1993 to be considered as having a Candidate Project.

### Landfill Categorizes

#### Current Project:

- Landfill with operational LFGTE project or landfill with LFGTE project under construction.

#### Candidate Project:

- Landfill with a potential or planned LFGTE utilization project; or
- Landfill is currently operating or closed after 1993; and has more than 1,000,000 tons of municipal solid waste-in-place.<sup>2</sup>

#### Shutdown:

- Landfill with shutdown LFGTE project.

#### Other:

- Landfill has less than 1,000,000 tons of municipal solid waste-in-place with no current or planned LFGTE project.

#### Unknown WIP:

- Landfill with insufficient data to determine the waste-in-place.

## State Summary

State-specific landfill profile information is summarized in three exhibits. Exhibit 1 presents a summary of the state-specific potential for LFG utilization energy by landfill category. Exhibit 2 summarizes the emissions avoided by fossil fuel displacement for electricity generation and direct use projects. Exhibit 3 presents an index of the state-specific MSW landfills, referenced by category, landfill name and general characteristics.

<sup>1</sup> Current projects illustrate the wide range of successful project development options.

<sup>2</sup> By modeling the relationship between WIP and methane generation, a cut-off of 1,000,000 tons of WIP was established; landfills having at least 1,000,000 tons of WIP are considered candidate landfills.



## Exhibit 1: Tennessee MSW Landfill Summary

Category	No. of Landfills	Est. Capacity Potential		Est. CH4 Generation (mmscf/d)	Methane Reduction (tons/yr)		CO2 Equivalent of CH4 Reduction (tons/yr)	
		Electricity (MW)	Gas Capacity (mmBtu/hr)		Potential	Current	Potential	Current
Current	2	10	97	3	17,967	4,625	377,311	97,131
Candidate	17	61	610	20	112,837	2,698	2,369,573	56,660
Other	91	44	438	14	81,056	0	1,702,166	0
Unknown WIP	20							
Total	130	115	1,145	37	211,860	7,323	4,449,050	153,791

## Exhibit 2: Potential Tennessee Emissions Avoided by Fossil Fuel Displacement

Category	Electricity Generation Project						Direct Use Project					
	CO2 (tons/yr)			SO2 (tons/yr)			CO2 (tons/yr)			SO2 (tons/yr)		
	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas
Current	76,560	62,837	42,252	484	405	0	54,106	44,408	29,860	492	259	0
Candidate	481,458	395,159	265,711	3,043	2,544	0	339,793	278,887	187,527	3,092	1,625	2
Other	348,072	285,680	192,097	2,201	1,839	0	244,088	200,336	134,709	2,221	1,167	1
Unknown WIP												
Total	906,090	743,676	500,059	5,728	4,787	0	637,987	523,630	352,096	5,805	3,051	3

### Exhibit 3: Index of Landfills in Tennessee

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Current	Bordeaux LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Construction
Current	Chestnut Ridge LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Candidate	Alcoa/Maryville/Blount County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	BFI North Shelby LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	BFI Northside LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	BFI South Shelby LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Bi-County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Bradley County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	H&W Environmental Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Hamilton County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Jefferson County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Johnson City Regional LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Northwest Tennessee Disposal Compa	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Putnam County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Quail Hollow LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Roane County Solid Waste Authority	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Sullivan County LF, Incorporated	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Summitt LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Williamson County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	BFI Twin Oaks LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Bill Allen LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Bolivar-Hardeman County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Bumpass Cove LF, Incorporated	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Carter County/Elizabethton LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Carthage City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Cedar Grove LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Cedar Ridge LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Cheatham County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Chester County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Claiborne County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Clay County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Cocke County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Crossville City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Cumberland County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	De Kalb County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Decatur County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Dickson County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Dyersburg City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Fayette County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown

### Exhibit 3: Index of Landfills in Tennessee

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Other	Fayetteville/Lincoln County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Fentress County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Fort Campbell LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Franklin County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Gatlinburg City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Grainger County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Gratio LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Greeneville/Greene County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Greenfield LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Grundy County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Hamblen County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Hancock County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Hartsville/Trousdale LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Haywood County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Henderson County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Hickman County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Hohenwald City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Houston County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Humboldt LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Humphreys County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Huntingdon LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Iris Glen Environmental	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Jackson City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Jere Kirk Disposal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Johnson County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Lafayette City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Lauderdale County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Lawrenceburg City/County Balefill	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Lewisburg City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Lexington City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Loudon County SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Madison County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Marion County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Martin City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Maury County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	McKenzie LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	McMinn County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	McMinnville City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	McNairy County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown

### Exhibit 3: Index of Landfills in Tennessee

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Other	Milan Arsenal LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Milan City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Mine Road/Diversified Sys	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Monroe County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Morgan County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Morristown City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Newbern Town LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Northeast Tennessee Waste Managem	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Overton County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Paris-Henry County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Perry County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Pickett County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Pulaski City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Red Boiling Springs LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Rhea County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Robertson County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Rutherford County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Savannah City\Hardin County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Scott County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Sequatchie Bledsoe LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Sevier Solid Waste, Incorporated	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Shelby County Millington LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Smith County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	South Fulton LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Tipton County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Trash Incorporated, BFI	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Tri-cities/Dresden LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Union County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Upper Cumberland LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Van Buren County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	White County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Wilson County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	BFI Shelby Drive LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	BFI Sykes Road (Patterson) LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Bolivar City LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Brownsville City LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Clinton LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Coffee County Joint LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Custom Land Development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown

### Exhibit 3: Index of Landfills in Tennessee

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Unknown WIP	D&S Land County LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Dayton SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Decatur County SW Program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Dyer City LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Earth Complex	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Ellis LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Fayette County Public Works	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Jernigan LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Jim Gray LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Red Ridge LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	UT Knoxville LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Weakley County LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Western Tennessee Enterprise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown



Alcoa/Maryville/Blount County LF			Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>				
Landfill Owner:	City of Maryville	Annual Acceptance Rate (tons):	85,800	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:		
Alternative Landfill Name:		Design Capacity (tons):		
City:	Alcoa	Acres Currently Landfilled (acres):	35	
County:	Blount	Average Depth (feet):		
State:	TN	Waste-in-Place (tons):	2,027,267	
Year Open:	1973	1998 Waste-in-Place (tons):	2,027,267	
Year Closed:	1998			
<b>B. LANDFILL GAS COLLECTION</b>				
Estimated Methane Generation (mmscf/d):		0.94		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
<b>C. LANDFILL GAS UTILIZATION</b>				
Current Utilization:				
Utilization System Status:	Unknown			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	3		29	
Current Capacity:				
Planned Capacity:				
Utilities in County: Alcoa Utilities, City of; Fort Loudoun Electric Coop; Maryville Utilities Board; Tennessee Valley Au				
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	5,415		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	113,705		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	22,889	145	16,305	148
Fuel Oil:	18,786	121	13,383	78
Natural Gas:	12,632	0	8,999	0
<b>E. CONTACT INFORMATION</b>				
Landfill Owner			Landfill Operator	
Contact Name:	Kenny Wiggins	Sam Holloway		
Mailing Address:	441 North Hall Road			
Phone Number:	423-995-2892	423-995-2998		
Fax Number:				

\* *Italicized indicates values estimated by EPA.*

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BFI North Shelby LF			Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>				
Landfill Owner:	BFI	Annual Acceptance Rate (tons):	500,500	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:		
Alternative Landfill Name:		Design Capacity (tons):		
City:	Shelby	Acres Currently Landfilled (acres):	640	
County:	Shelby	Average Depth (feet):	80	
State:	TN	Waste-in-Place (tons):	3,929,887	
Year Open:	1988	1998 Waste-in-Place (tons):	3,929,887	
Year Closed:	2031			
<b>B. LANDFILL GAS COLLECTION</b>				
Estimated Methane Generation (mmscf/d):		1.42		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		Yes		
<b>C. LANDFILL GAS UTILIZATION</b>				
Current Utilization:				
Utilization System Status:	Unknown			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	4		45	
Current Capacity:				
Planned Capacity:				
Utilities in County: Memphis Light Gas & Water Div; Tennessee Valley Authority				
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	8,228		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	172,790		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	34,728	220	24,778	226
Fuel Oil:	28,503	184	20,337	119
Natural Gas:	19,166	0	13,675	0
<b>E. CONTACT INFORMATION</b>				
Landfill Owner		Landfill Operator		
Contact Name:	Jimmy Fleming	Jimmy Fleming		
Mailing Address:	P.O. Box 1207	P.O. Box 1207		
Phone Number:	901-872-7200	901-794-8070		
Fax Number:				

BFI Northside LF		Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	BFI	Annual Acceptance Rate (tons):	800,000
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:	Middle Point LF	Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	134
County:	Rutherford	Average Depth (feet):	150
State:	TN	1998 Waste-in-Place (tons):	4,800,000
Year Open:	1988	1998 Waste-in-Place (tons):	4,800,000
Year Closed:	2003		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):		1.65	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		Yes	
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		51
Current Capacity:			
Planned Capacity:			
Utilities in County: Duck River Elec Member Corp; Gibson County Elec Member Corp; Middle Tennessee E M C; Murfr			
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	9,515		0
CO2 Equivalent of CH4 Reduction (tons/yr):	199,811		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	40,253	254	28,653 261
Fuel Oil:	33,038	213	23,517 137
Natural Gas:	22,215	0	15,813 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Bubba Smith	Glen Youngblood	
Mailing Address:	750 East Jefferson Pike	750 East Jefferson Pike	
Phone Number:	615-896-2075	615-896-2075	
Fax Number:			

\* *Italicized indicates values estimated by EPA.*



BFI South Shelby LF			Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>				
Landfill Owner:	BFI	Annual Acceptance Rate (tons):	715,000	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:		
Alternative Landfill Name:	BFI Holmes Road LF	Design Capacity (tons):		
City:	Shelby	Acres Currently Landfilled (acres):	420	
County:	Shelby	Average Depth (feet):	90	
State:	TN	Waste-in-Place (tons):	14,805,313	
Year Open:	1978	1998 Waste-in-Place (tons):	14,805,313	
Year Closed:	2001			
<b>B. LANDFILL GAS COLLECTION</b>				
Estimated Methane Generation (mmscf/d):		4.20		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		Yes		
<b>C. LANDFILL GAS UTILIZATION</b>				
Current Utilization:				
Utilization System Status:	Unknown			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	13		131	
Current Capacity:				
Planned Capacity:				
Utilities in County: Memphis Light Gas & Water Div; Tennessee Valley Authority				
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	24,311		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	510,523		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	103,395	654	73,208	666
Fuel Oil:	84,862	546	60,086	350
Natural Gas:	57,062	0	40,403	0
<b>E. CONTACT INFORMATION</b>				
Landfill Owner		Landfill Operator		
Contact Name:	Roy Wimms	Dave Clabo		
Mailing Address:	P.O. Box 1207	P.O. Box 1207		
Phone Number:	901-794-8070	901-794-8070		
Fax Number:				

\* *Italicized indicates values estimated by EPA.*

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Bi-County LF		Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	Bi-County Solid Waste System	Annual Acceptance Rate (tons):	100,100
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:	Clarksville/Montgomery & Stewart County L	Design Capacity (tons):	
City:	Clarksville	Acres Currently Landfilled (acres):	50
County:	Montgomery	Average Depth (feet):	30
State:	TN	Waste-in-Place (tons):	1,987,288
Year Open:	1974	1998 Waste-in-Place (tons):	1,987,288
Year Closed:	2008		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):		0.93	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		Yes	
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		29
Current Capacity:			
Planned Capacity:			
Utilities in County:		Clarksville Dept of Elec; Cumberland Elec Member Corp; Tennessee Valley Authority	
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	5,355		0
CO2 Equivalent of CH4 Reduction (tons/yr):	112,463		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	22,889	145	16,127 147
Fuel Oil:	18,786	121	13,236 77
Natural Gas:	12,632	0	8,900 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Pete Reed		
Mailing Address:	P.O. Box 1112	102 Public Square	
Phone Number:	931-648-5751	615-645-7418	
Fax Number:			

Bordeaux LF		Landfill Category:	Current
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:		Annual Acceptance Rate (tons):	132,959
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	
City:	Nashville	Acres Currently Landfilled (acres):	
County:	Davidson	Average Depth (feet):	
State:	TN	Waste-in-Place (tons):	3,850,150
Year Open:	1973	1998 Waste-in-Place (tons):	3,850,150
Year Closed:	1994		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):	1.40		
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:	Yes		
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Construction		
Utilization System Type:	Direct Thermal		
Utilization System Start Year:	1999		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	TVA/City of Nashville		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		44
Current Capacity:			
Planned Capacity:			
Utilities in County:	Nashville Electric Serv; Tennessee Valley Authority		
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	8,110		0
CO2 Equivalent of CH4 Reduction (tons/yr):	170,314		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	34,728	220	24,423 222
Fuel Oil:	28,503	184	20,045 117
Natural Gas:	19,166	0	13,479 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Roy Hooper	John Compton	
Mailing Address:	750 South Fifth Street	750 South Fifth Street	
Phone Number:	615-862-8640		
Fax Number:			

Bradley County LF		Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	Bradley County	Annual Acceptance Rate (tons):	57,200
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	
City:	McDonald	Acres Currently Landfilled (acres):	
County:	Bradley	Average Depth (feet):	
State:	TN	Waste-in-Place (tons):	1,595,853
Year Open:	1972	1998 Waste-in-Place (tons):	1,595,853
Year Closed:	2010		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):		0.83	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		Yes	
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		26
Current Capacity:			
Planned Capacity:			
Utilities in County: Cleveland Utilities; Tennessee Valley Authority; Volunteer Electric Cooperative			
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,777		0
CO2 Equivalent of CH4 Reduction (tons/yr):	100,309		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	20,521	130	14,384 131
Fuel Oil:	16,843	108	11,806 69
Natural Gas:	11,325	0	7,938 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Ken Higgins	Cheryl Dunson	
Mailing Address:	P.O. Box 1157	South Lee Highway	
Phone Number:	423-476-9160	615-476-8118	
Fax Number:			

Chestnut Ridge LF		Landfill Category:	Current
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:		Annual Acceptance Rate (tons):	583,440
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	
City:	Hieskell	Acres Currently Landfilled (acres):	108
County:	Anderson	Average Depth (feet):	200
State:	TN	1994 Waste-in-Place (tons):	5,031,388
Year Open:	1980	1998 Waste-in-Place (tons):	5,031,388
Year Closed:	2000		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):	1.70		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	1.2		
Collection and Treatment System Required Under NSPS/EG:	Yes		
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1992		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Knoxville Utilities Board, Tennessee Valley		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		53
Current Capacity:	2.4		25
Planned Capacity:			
Utilities in County:	Clinton Utilities Board; Oak Ridge Electric Dept; Tennessee Valley Authority		
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	9,857		4,625
CO2 Equivalent of CH4 Reduction (tons/yr):	206,997		97,131
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	41,832	264	29,683 270
Fuel Oil:	34,334	221	24,363 142
Natural Gas:	23,086	0	16,382 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Dave Remick	Jim Crawhorn	
Mailing Address:	P.O. Box 139 Fleenoor Mill Road	P.O. Box 139	
Phone Number:	423-457-7810	423-463-8812	
Fax Number:			

\* *Italicized indicates values estimated by EPA.*





H&W Environmental Services			Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>				
Landfill Owner:	H&W Environmental Services	Annual Acceptance Rate (tons):	370,000	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:	West Camden Landfill	Design Capacity (tons):		
City:		Acres Currently Landfilled (acres):	42	
County:	Benton	Average Depth (feet):	150	
State:	TN	1998 Waste-in-Place (tons):	1,200,000	
Year Open:	1994	1998 Waste-in-Place (tons):	1,200,000	
Year Closed:	2007			
<b>B. LANDFILL GAS COLLECTION</b>				
Estimated Methane Generation (mmscf/d):		0.72		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		Yes		
<b>C. LANDFILL GAS UTILIZATION</b>				
Current Utilization:				
Utilization System Status:	Unknown			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	2		23	
Current Capacity:				
Planned Capacity:				
Utilities in County:	Benton County Bd of Public Utilities; Tennessee Valley Authority			
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	4,191		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	88,015		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	18,153	115	12,621	115
Fuel Oil:	14,899	96	10,359	60
Natural Gas:	10,019	0	6,966	0
<b>E. CONTACT INFORMATION</b>				
Landfill Owner		Landfill Operator		
Contact Name:	Tom Howard			
Mailing Address:	2410 West Highway 70			
Phone Number:	901-584-7734			
Fax Number:				

Hamilton County LF		Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	Hamilton County	Annual Acceptance Rate (tons):	57,200
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	
City:	Chattanooga	Acres Currently Landfilled (acres):	
County:	Hamilton	Average Depth (feet):	
State:	TN	Waste-in-Place (tons):	1,361,735
Year Open:	1972	1998 Waste-in-Place (tons):	1,361,735
Year Closed:	1995		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):		0.77	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		24
Current Capacity:			
Planned Capacity:			
Utilities in County: Chattanooga Elec Power Board; Mt Pleasant Power Syst; Sequachee Valley Electric Coop; Tennessee			
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,430		0
CO2 Equivalent of CH4 Reduction (tons/yr):	93,038		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	18,943	120	13,341 121
Fuel Oil:	15,547	100	10,950 64
Natural Gas:	10,454	0	7,363 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Harold Austin	Ken Caslteberry	
Mailing Address:	9327 Birchwood Pike	9327 Birchwood Pike	
Phone Number:	423-855-6100	615-344-9936	
Fax Number:			

\* *Italicized indicates values estimated by EPA.*



Jefferson County LF		Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	Jefferson County	Annual Acceptance Rate (tons):	15,600
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	100
County:	Jefferson	Average Depth (feet):	20
State:	TN	Waste-in-Place (tons):	1,065,797
Year Open:	1972	1998 Waste-in-Place (tons):	1,065,797
Year Closed:	2032		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):		0.69	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		22
Current Capacity:			
Planned Capacity:			
Utilities in County: Appalachian Electric Coop; Tennessee Valley Authority			
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	3,993		0
CO2 Equivalent of CH4 Reduction (tons/yr):	83,847		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	17,364	110	12,024 109
Fuel Oil:	14,252	92	9,868 58
Natural Gas:	9,583	0	6,636 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Bobby Hanes	Donald Potts	
Mailing Address:	P.O. Box 247	Box 247, Courthouse	
Phone Number:	423-397-3544	615-475-4354	
Fax Number:			

\* *Italicized indicates values estimated by EPA.*



Johnson City Regional LF		Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	City of Johnson City	Annual Acceptance Rate (tons):	116,413
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	70
County:	Washington	Average Depth (feet):	80
State:	TN	1998 Waste-in-Place (tons):	1,500,000
Year Open:	1975	1998 Waste-in-Place (tons):	1,500,000
Year Closed:	1994		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):		0.80	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		25
Current Capacity:			
Planned Capacity:			
Utilities in County: Elizabethton Elec System; Johnson City Power Board; Tennessee Valley Authority; Weakley County			
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,635		0
CO2 Equivalent of CH4 Reduction (tons/yr):	97,331		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	19,732	125	13,957 127
Fuel Oil:	16,195	104	11,455 67
Natural Gas:	10,890	0	7,703 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Steven Ellis		
Mailing Address:	P.O. Box 2150		
Phone Number:	423-975-2792		
Fax Number:			

\* Italicized indicates values estimated by EPA.



Northwest Tennessee Disposal Company		Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	Northwest Tennessee Disposal Company	Annual Acceptance Rate (tons):	143,000
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	29
County:	Obion	Average Depth (feet):	
State:	TN	1998 Waste-in-Place (tons):	420,000
Year Open:	1995	1998 Waste-in-Place (tons):	420,000
Year Closed:	2015		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):		0.15	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	1		5
Current Capacity:			
Planned Capacity:			
Utilities in County: Forked Deer Electric Coop Inc; Gibson County Elec Member Corp; Hickman-Fulton Counties REC C			
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	858		0
CO2 Equivalent of CH4 Reduction (tons/yr):	18,022		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	3,946	25	2,584 24
Fuel Oil:	3,239	21	2,121 12
Natural Gas:	2,178	0	1,426 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Dave Bragg		
Mailing Address:	518 Beech Chapel Road		
Phone Number:	901-885-1941		
Fax Number:			

\* *Italicized indicates values estimated by EPA.*



Putnam County LF		Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	Putnam County	Annual Acceptance Rate (tons):	61,204
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	
City:	Cookeville	Acres Currently Landfilled (acres):	45
County:	Putnam	Average Depth (feet):	45
State:	TN	Waste-in-Place (tons):	1,256,907
Year Open:	1972	1998 Waste-in-Place (tons):	1,256,907
Year Closed:	1996		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):		0.74	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		Yes	
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	Upper Cumberland Electric		
Natural Gas Provider(s):	City of Cookeville		
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		23
Current Capacity:			
Planned Capacity:			
Utilities in County: Caney Fork Electric Coop Inc; Cookeville Electric Dept; Kingsport Power Company; Tennessee Valle			
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,275		0
CO2 Equivalent of CH4 Reduction (tons/yr):	89,781		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	18,153	115	12,875 117
Fuel Oil:	14,899	96	10,567 62
Natural Gas:	10,019	0	7,105 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Greg Scott, Solid Waste Director	Greg Scott, Director of Solid Waste	
Mailing Address:	755 E. 21st Street	755 E. 21st Street	
Phone Number:	931-528-3884	931-528-3884	
Fax Number:			

\* *Italicized indicates values estimated by EPA.*

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Quail Hollow LF		Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	USA Waste Services, Inc.	Annual Acceptance Rate (tons):	90,090
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:	James Brinkley LF	Design Capacity (tons):	
City:	Tullahoma	Acres Currently Landfilled (acres):	77
County:	Shelby	Average Depth (feet):	
State:	TN	Waste-in-Place (tons):	1,820,801
Year Open:	1976	1998 Waste-in-Place (tons):	1,820,801
Year Closed:	1998		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):		0.88	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		Yes	
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		28
Current Capacity:			
Planned Capacity:			
Utilities in County: Duck River Elec Member Corp; Shelbyville Power System; Tennessee Valley Authority			
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	5,109		0
CO2 Equivalent of CH4 Reduction (tons/yr):	107,293		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	22,100	140	15,386 140
Fuel Oil:	18,139	117	12,628 74
Natural Gas:	12,197	0	8,491 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Jackie Moor	Greg Orr	
Mailing Address:		2340 Mooresville Highway Rte 6	
		Box 6071-2	
Phone Number:	931-455-7749	931-359-9032	
Fax Number:			

\* *Italicized indicates values estimated by EPA.*



Roane County Solid Waste Authority		Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	Roane County Solid Waste Authority	Annual Acceptance Rate (tons):	64,000
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Harriman	Acres Currently Landfilled (acres):	24
County:	Roane	Average Depth (feet):	140
State:	TN	1998 Waste-in-Place (tons):	1,600,000
Year Open:	1972	1998 Waste-in-Place (tons):	1,600,000
Year Closed:	1998		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):		0.83	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		Yes	
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	TVA		
Natural Gas Provider(s):			
Energy Purchaser(s):	Recycling Plant on-site!		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		26
Current Capacity:			
Planned Capacity:			
Utilities in County: Harriman Power Dept; Rockwood Electric Utility; Tennessee Valley Authority; Volunteer Electric Co			
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,783		0
CO2 Equivalent of CH4 Reduction (tons/yr):	100,437		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	20,521	130	14,403 131
Fuel Oil:	16,843	108	11,821 69
Natural Gas:	11,325	0	7,949 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Dana Rue		
Mailing Address:	215 White Pine Road	215 White Pine Road	
Phone Number:	423/590-7779	423/590-7779	
Fax Number:			



**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	150,000
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Blountville	Acres Currently Landfilled (acres):	34
County:	Sullivan	Average Depth (feet):	50
State:	TN	Waste-in-Place (tons):	1,870,919
Year Open:	1979	1998 Waste-in-Place (tons):	1,870,919
Year Closed:	1994		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.90
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

Current Utilization:			
Utilization System Status:		Unknown	
Utilization System Type:		Unknown	
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
<i>Estimated Potential Capacity:</i>	3		28
Current Capacity:			
Planned Capacity:			

Utilities in County: Bristol Tennessee Elec System; Kingsport Power Company; Tennessee Valley Authority

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>		5,183		0
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		108,849		0
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	22,100	140	15,609	142
<i>Fuel Oil:</i>	18,139	117	12,811	75
<i>Natural Gas:</i>	12,197	0	8,614	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	Bill Baker	Pam Loudy
Mailing Address:	P.O. Box 417	P.O. Box 416
Phone Number:	423-538-4400	615-538-4400
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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Summitt LF		Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:		Annual Acceptance Rate (tons):	429,000
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:	Chattanooga LF	Design Capacity (tons):	
City:	Ooltewah	Acres Currently Landfilled (acres):	150
County:	Hamilton	Average Depth (feet):	130
State:	TN	1998 Waste-in-Place (tons):	7,300,000
Year Open:	1976	1998 Waste-in-Place (tons):	7,300,000
Year Closed:	1998		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):	2.29		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	0.7		
Collection and Treatment System Required Under NSPS/EG:	Yes		
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Planned		
Utilization System Type:	Medium Btu		
Utilization System Start Year:	1998		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Soil Restoration & Recycling (SR2)		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	7		71
Current Capacity:			
Planned Capacity:			15
Utilities in County:	Chattanooga Elec Power Board; Mt Pleasant Power Syst; Sequachee Valley Electric Coop; Tennessee		
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	13,212		2,698
CO2 Equivalent of CH4 Reduction (tons/yr):	277,448		56,660
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	56,039	354	39,786 362
Fuel Oil:	45,994	296	32,654 190
Natural Gas:	30,927	0	21,957 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Mike Patrick	Eugene Wright	
Mailing Address:	455 Maccason Bend Road	City Hall	
Phone Number:	423-855-9422	615-757-5026	
Fax Number:			

\* *Italicized indicates values estimated by EPA.*



Williamson County LF				Landfill Category: Candidate
<b>A. GENERAL LANDFILL INFORMATION</b>				
Landfill Owner:	Williamson County	Annual Acceptance Rate (tons):	57,200	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:		
Alternative Landfill Name:		Design Capacity (tons):		
City:		Acres Currently Landfilled (acres):	450	
County:	Williamson	Average Depth (feet):	20	
State:	TN	Waste-in-Place (tons):	1,454,272	
Year Open:	1974	1998 Waste-in-Place (tons):	1,454,272	
Year Closed:	2033			
<b>B. LANDFILL GAS COLLECTION</b>				
Estimated Methane Generation (mmscf/d):		0.79		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
<b>C. LANDFILL GAS UTILIZATION</b>				
Current Utilization:				
Utilization System Status:	Unknown			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	3		25	
Current Capacity:				
Planned Capacity:				
Utilities in County: Duck River Elec Member Corp; Middle Tennessee E M C; Nashville Electric Serv; Tennessee Valley				
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	4,567		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	95,911		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
Coal:	19,732	125	13,754	125
Fuel Oil:	16,195	104	11,288	66
Natural Gas:	10,890	0	7,590	0
<b>E. CONTACT INFORMATION</b>				
Landfill Owner			Landfill Operator	
Contact Name:	Judy Hayes			
Mailing Address:	1320 West Main Street Suite 125		Box 305, 650 West Main Street	
Phone Number:	615-790-0742		615-790-0742	
Fax Number:				

\* *Italicized indicates values estimated by EPA.*

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